NATURAL NEWS

The Field Museum
Exploring
The Earth And Its
People

October 31, 1997

ACADEMIC AFFAIRS

CRANE ELECTED PRESIDENT OF THE PALEONTOLOGICAL SOCIETY

The president-elect of the Paleontological Society is **Peter R. Crane** (A. Watson Armour III Curator, Vice President of Academic Affairs and Director). The election result was announced at the annual meeting of the Geological Society in Salt Lake City last week. Crane's two-year term as president will begin in October 1998. As a result, two Field Museum staff are currently presidents-elect of the two largest palaeontological societies in the world! MacArthur Curator and Chair of Geology **John Flynn** is currently president-elect of the Society of Vertebrate Paleontology and his two-year term will also begin in October 1998.

NEW SNAIL SPECIES FOUND BY FIELD MUSEUM GRADUATE STUDENT

The Bailey-Matthews Shell Museum in Sanibel, Florida recently hosted Field Museum graduate student **Rachel Collin** (Zoology). While there, she conducted field research on the life cycles of slipper snails. Collin went to the shallow waters of Sanibel to collect four species of these particular snails. She also found what appears to be a new species. The shells Collin found

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MUSEUM AFFAIRS

All staff and volunteers invited to OPENING CEREMONIES

LIVING TOGETHER

Saturday, November 8 starting at 10:00 a.m.
Sunday, November 9 starting at 10:45 a.m.

The **Living Together** exhibit explores how people approach three universal concerns that connect us all: home, image and community. Visitors will be able to explore how environment, history and creativity shape different responses to the same basic concerns. The goal is to promote cultural understanding by helping visitors better understand the reasons behind cultural differences.

At the opening ceremony for **Living Together**, The Field Museum will officially turn the exhibit over to the community. Formally "accepting" the exhibit will be community leaders involved with business, education, religion and youth programs. A multi-colored chain will be formed as participating community organizations add their own links to the chain in a symbolic act of unity.

Museum Affairs continued on last page

initially looked like the eastern white slipper snail but on further inspection she found several differences which indicated to her that this is an entirely different species. Her find is surprising for an area known as one of the best shelling spots, and brings to light the lack of knowledge about the marine waters surrounding Sanibel. Collin will continue her research in Chicago, including the task of naming and describing the new species.

FIELD MUSEUM WEB SITE DEVELOPMENT

In our Web site update October 17 we were remiss in not thanking the Computer Services staff for their invaluable behind-the-scenes assistance. Computer Services staff, particularly **Dahao Wang**, installed and configured the webserver hardware and software and they continue to provide on-going technical and operational support.

VOIGHT RETURNS FROM NORTH PACIFIC CRUISE WITH THE ALVIN

Associate Curator **Janet Voight** (Zoology, Invertebrates) has returned to The Field Museum after a West Coast trip that included eighteen days aboard the Research Vessel ATLANTIS with the Deep Submergence Vehicle ALVIN. The cruise, with co-chief scientists Paul Johnson of the University of Washington and Keir Becker of University of Miami, focused on geophysical studies of the Earth's crust, especially fluid flow deep under the surface of the sea floor and studies of the magnetics and gravity variations in the crust of the sea floor. With the cooperation of these geophysicists and the help of the ALVIN pilots, Voight secured specimens for The Field Museum from depths of over 2400 m. The specimens include two octopuses and two grabs of dense clams and associated animals, one from a species-rich hydrothermal vent and one from an area of non-hydrothermal fluid flow.

The cruise also offered Voight her first dive on a "manned" submersible. Her dive was cut short by an advancing storm front after only 3.5 hours on the sea floor at 2600 m (1.5 miles) depth. During that time, Voight and Geological Survey of Canada Geologist Jan Peters had the mission of collecting water samples from three vents. The first vent encountered engulfed the submersible with shimmering water as hot as 144°C. The ALVIN windows may suffer catastrophic failure and allow the submersible to be flooded if temperatures exceed 25°C. Needless to say, Voight and Peters were relieved to hear the pilot say that he was not going to die to collect the water samples. As a result progress was slow, but after repeated attempts, the swirling, heated water raising from deep in the Earth was successfully sampled. The dive had to be aborted when wind speeds on the surface exceeded thirty-five knots, making submersible recovery dangerous for surface personnel.

These eighteen days at sea were a fitting end to a trip that included a week at the Eighth Deep-Sea Biology Symposium at the Monterey Bay Aquarium, an international meeting held at three year intervals. Voight's presentation of her research on predator specializations to hydrothermal vents in the North Pacific was supported in large part by the West Coast and Polar Regions Office of the National Undersea Research Center.

"LEADERS TO RULERS" A SUCCESS

This past October 16-18, the Anthropology Department and Academic Affairs hosted the "Leaders to Rulers" conference. The conference went very well, and we would like to thank everyone who contributed their time and effort to this event. Thanks to all, including: LizEvents, Housekeeping, Security, A.V., Visitor Services, and Special Events!

A policy statement concerning "The Use of Live Animals at The Field Museum" is published in this issue. The policy was approved by John McCarter on October 20, 1997.

The Field Museum

THE USE OF LIVE ANIMALS AT THE FIELD MUSEUM[1]

Approved October 20, 1997

This policy controls the use of live animals at The Field Museum in research, in permanent exhibits, in temporary exhibits, in Museum education and special programs (including loans), and by outside groups renting space in the Museum. All use of live animals at The Field Museum must be consistent with the Museum's Mission Statement, all applicable laws and regulations, and the Museum's overall responsibility to engender respect for living things. The Field Museum respects all forms and systems of life and is committed to the ethical, humane, respectful and responsible treatment of live animals. The Museum also has a special responsibility with respect to the conservation of threatened or endangered species, the use of dangerous or injurious live animals, and any activities, such as illegal trade in animals and animal products, that threaten the survival of species.

I. RESEARCH

A. Approval

Any in-house research using live vertebrate animals or live dangerous animals must have prior written approval from the Museum's Institutional Animal Care and Use Committee (IACUC) (see also Research - Dangerous Live Animals, and Research - Grant Proposals, below).

B. Permits

Researchers must be aware of and comply with all laws and regulations concerning the use of live animals that are relevant to the research activities. The project's Principal Investigator is responsible for compliance with all applicable federal, state and local regulations and permit requirements concerning live animals (e.g., United States Fish and Wildlife Service, United States Department of Agriculture, State Departments of Conservation, etc.). Original copies of all museum-wide permits and duplicate copies of all other permits concerning live animals must be deposited in the Office of the Vice President, Academic Affairs, where an up-to-date list of all Museum permits will be maintained. Information on permit requirements is available from the Office of Academic Affairs or from the Museum's in-house legal counsel.

When working in a foreign country, researchers must become familiar with, and comply with, applicable statutes of the host countries, international agreements and laws regulating the use and possession of live animals. Researchers must further be aware of and comply with federal requirements and regulations (e.g., United States Fish and Wildlife Service regulations: CITES, Endangered Species Act) for declaring importation of wildlife.

When live animals are collected from populations considered to be threatened or endangered, additional care must be taken to justify the need for such collections, to obtain support from the appropriate scientific and public communities, and to foster the goals of conservation and satisfy the requirements of regulatory programs. Some clear benefit to the population under study (i.e., enhance the survival of the species) must result from studies that require collection of endangered or threatened species (see 50 CFR 17.22(a)(2)(i-vi).

When obtaining live animals from commercial sources, every effort must be made to insure that the specimens were collected under legal authority, and were transported and maintained under humane conditions. Researchers should deal only with reputable suppliers to minimize the chances of supporting irresponsible or illegal activities by animal dealers.

C. Dangerous live animals

Special considerations apply for live animals that may be injurious or dangerous to people or the environment. Under the Illinois Dangerous Animal Act (720 ILCS 585/0.1 et. seq.) dangerous animals include the lion, tiger, leopard, ocelot, jaguar, cheetah, margay, mountain lion, lynx, bobcat, jaguarundi, bear, hyena, wolf or coyote or any life threatening reptile. "Life threatening" has been interpreted to mean that there is a (1) reasonable possibility that the reptile will attack a human, and (2) a reasonable capability of killing in case of an attack. Under this law, scientific institutions may keep, harbor, care for, act as custodian for, or maintain in possession dangerous live animals, provided they are in an escape-proof enclosure. Other animals considered dangerous include, but are not limited to, scorpions, poisonous spiders, and sea snakes. Researchers must take special care to insure that proper safeguards are established when conducting in-house research on dangerous live animals. Written approval from the Museum's Institutional Animal Care and Use Committee (IACUC) must be obtained prior to setting up any in-house program using dangerous live animals (see also Research - Approval, above).

D. Grant proposal

All grant proposals involving the use of live vertebrate animals must have written approval from the Museum's Institutional Animal Care and Use Committee (IACUC) before the grant proposal is submitted to the funding agency, preferably before the proposal is submitted for internal Museum routing. It is the Principal Investigator's responsibility to ascertain a funding agency's policies and requirements concerning the use of live vertebrate animals before the grant proposal is submitted for internal Museum routing. Sufficient information should be provided within the proposal's project description to allow for evaluation by IACUC. The signed approval form, including the statement that the proposed activity has been reviewed and approved by IACUC, must be included with the grant proposal when it is submitted for internal Museum routing, and when it is submitted to the funding agency.

E. Standards of care

Live animals in captivity will be maintained and cared for in a manner consistent with the standards established in the Public Health

Service Policy on Humane Care and Use of Laboratory Animals (September 1986, revision) and with published standards of relevant professional societies. Handling and restraint of live animals and surgical procedures will be conducted in a manner that will minimize pain, trauma and stress. The capture, handling, maintenance and use of live animals by students must be strictly supervised.

F. Institutional Aimal Care and Use Committee

The Field Museum Institutional Animal Care and Use Committee (IACUC) will be comprised of three zoology curators and two outside members (one a veterinarian, the other an ethicist). Meetings will generally be held twice each year on dates that correspond to National Science Foundation grant proposal deadlines. If IACUC approval is required for any use involving a live animal, approval should be sought at least two weeks before the date a decision is required.

II. PERMANENT EXHIBITS

A. Approval

Any proposal to include a live animals (vertebrate or invertebrate) in a permanent exhibit must be brought before the Exhibits Steering Committee and must be submitted to the Museum's Institutional Animal Care and Use Committee (IACUC) for prior written approval, preferably during the earliest exhibit planning stages. Live animals used in permanent exhibits may not be handled by the general public.

B. Responsible parties

At least one person in the Exhibits Department will be designated as having primary responsibility for the long-term care of live animal(s) used in permanent exhibits, including cleaning, feeding, housekeeping, etc. As live animals are added to new or existing exhibits, staffing must be increased as necessary to maintain regular and appropriate care of the animals.

C. Permit requirements

The project's lead exhibit developer is responsible for compliance with all applicable federal, state and local regulations and permit requirements concerning live animals (e.g., United States Fish and Wildlife Service, United States Department of Agriculture, State Departments of Conservation, etc.). Original copies of all museum-wide permits and duplicate copies of all other permits concerning live animals must be deposited in the Office of the Vice President, Academic Affairs, where an up-to-date list of all Museum permits will be maintained. Information on permit requirements is available from the Office of Academic Affairs or from the Museum's in-house legal counsel.

D. Dangerous live animals

See Research - Dangerous Live Animals, above.

E. Grant proposals

For procedures to follow when submitting grants that involve live vertebrate animals see Research - Grant Proposals, above.

III. TEMPORARY EXHIBITS, MUSEUM EDUCATION AND SPECIAL PROGRAMS

A. Approval

All use of live animals (vertebrate or invertebrate) for temporary exhibits, and Museum education or special programs must have prior written approval from the Museum's Institutional Animal Care and Use Committee (IACUC).

B. Responsible parties

At least one person in the Exhibits Department, or Education Department (where appropriate) shall be designated as having primary responsibility for the long-term care of live animal(s) used in temporary exhibits or Museum education and special programs, including cleaning, feeding, housekeeping, etc.

C. Permits

The designated person in Exhibits or Education (see Responsible Parties, above) is responsible for insuring compliance with all applicable federal, state and local regulations and permit requirements concerning live animals (e.g., United States Fish and Wildlife Service, United States Department of Agriculture, State Departments of Conservation, etc.). Original copies of all museum-wide permits and duplicate copies of all other permits concerning live animals must be deposited in the Office of the Vice President, Academic Affairs, where an up-to-date list of all Museum permits will be maintained. Information on permit requirements is available from the Office of Academic Affairs or from the Museum's in-house legal counsel.

D. Dangerous live animals

See Research - Dangerous Live Animals, above.

E. Grant proposals

For procedures to follow when submitting grants that involve live vertebrate animals, see Research - Grant Proposals, above.

IV. OUTSIDE GROUPS RENTING SPACE / USING MUSEUM FACILITIES

(Includes special events, meetings of amateur groups, etc.)

A. Approval

No outside groups will be allowed to bring or have live animals (vertebrate or invertebrate) on the Museum premises, except where explicit written advance permission is obtained from the Museum's Institutional Animal Care and Use Committee (IACUC). Such approval includes IACUC's approval of the responsible party to be on hand when the live animals are on the Museum premises (see also The Field Museum policy, "Public Use of Museum Building and Grounds," approved 8/16/96). This policy does not apply to an individual accompanied by an assistance dog (e.g., seeing eye).

B. Responsible parties

To ensure proper adherence to this policy, appropriate Museum staff must be present at all times whenever an outside group has live animals on the premises. The outside group is solely responsible for its compliance with all applicable regulations and permit requirements concerning the use and possession of live animals. The outside group will be liable for any injuries to visitors or staff caused by their use of live animals on the Museum premises.

C. Dangerous live animals

(See also Research - Dangerous Live Animals, above) The use of dangerous live animals by outside groups renting space will not be allowed.

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1. Approved by John McCarter, President & CEO, October 20, 1997

TRANSITIONS

It is a pleasure to announce that **Dana Brink** will join the Museum on Monday, November 3, 1997 as the director of Financial Operations. In this position Dana will give leadership to financial operations and the Accounting, Budget and and Purchasing departments.

Prior to joining the Museum, Dana was a trust officer at American National Bank and Trust Company of Chicago. She has an outstanding background in finance and tax-exempt financing. While at the American National Bank, she was involved in the tax-exempt financing of a number of museums, universities and other not-for-profit organizations. Dana is a graduate of the University of Wisconsin-Madison (B.S. in Economics) and Loyola University (M.B.A. in Finance).

Please join me in welcoming Dana to the Museum and to this important position.

Jim Croft, Vice President
Finance and Administration

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I am pleased to announce that **Stephanie Powell** has joined the President's Office staff as my assistant, responsible for special projects and a variety of administrative duties. Her background includes work in several not-for-profits -- the National Museum of Women in the Arts in Washington, the Rehabilitation Institute of Chicago and CARE Foundation. Stephanie graduated from Hollins College and is presently completing her M.A. in Art Administration at the School of the Art Institute. Please join me in welcoming Stephanie to our Field team.

John McCarter, President

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The Special Events department would like to thank **Cynthia Gulley** for her years of dedication and service. Cynthia has been an integral part of the growth of Special Events. We will miss her as she moves to her new position in Membership.

We would like to welcome **Lisa Ann Miller** who will assume Cynthia's responsibilities. Lisa comes to the Museum with a background in event planning and marketing. Her experience coordinating events and trade shows is derived from working with companies such as Moore Business Forms, Kraft Foods and numerous hotels.

Welcome Lisa and a fond farewell to Cynthia. We know both will contribute much to the Museum in their new positions.

Carol Konieczny, Director
Special Events

The *Natural News* is edited by **Carolyn Klyce** in the President's Office. The deadline for all submissions -- in WordPerfect on floppy disk or via email to klyce@fmppr.fmnh.org -- is Tuesday at noon. Printed on recycled paper.

Sibel Barut Kusimba spoke on the subject of "Later stone age hunter-gatherer land-use patterns in East Africa." The transition from the middle to the later stone cultures has been difficult to document in East Africa because of the few scattered sites available for study and problems of accurate dating. Changes in stone artifacts left by people 30-40,000 years ago as compared to people 20-30,000 years ago include a shift from bipolar cores to greater use of free-hand cores, and from a preponderance of scrapers to an increase in microliths. The excavated material also indicates that the more recent people transported stone cores more frequently and exchanged ornaments more often than at earlier times. Differences in territoriality and exchange practices among modern hunter-gatherers in the Kalahari desert are useful in helping us try to understand the changes that took place in the lives of these ancient people as they modified their stone tool technology over thousands of years.

SAFE TEAM -- Staff Aid For Evacuation

The Emergency Preparedness Sub-Committee is presently looking for staff members to participate on one of the three SAFE Teams in the Museum. What is the SAFE team?

> The purpose of the Field Museum SAFE Team is to aid in the quick and safe evacuation of people (staff, volunteers and visitors) in staff areas of the Museum during a fire or other emergency. Hence the name SAFE Team, which stands for Staff Aid For Evacuation. (SAFE Team Manual)

SAFE Team One includes those departments in the east wing of the third floor and all of the fourth floor: Museum Affairs, Academic Affairs, Anthropology, Botany, Photography, Exhibits, and Design and Production. Currently we need volunteers from Exhibits and Museum Affairs to serve as regular members or alternates. SAFE Team One is also in need of a team leader. If you are interested in serving in any one of these roles, please contact **Ray Van Hook** of Security Services (x563).

SAFE Team Two includes those departments and divisions in the west wing of the third floor and in the Scientific Support Services area of the second floor: Computer Services, Biochemistry, Geology, Library and Zoology (birds, insects, invertebrates and mammals). SAFE Team Two leader is **Ken Grabowski** (x283) and the assistant is **Margaret Baker** (x430). Please contact either of them if you wish to serve on this team.

SAFE Team Three includes all Museum departments and divisions on the ground, first and second floors (except for Computer Services, and Biochemistry which are part of SAFE Team Two). Several Team Three members and alternates are needed. If you are interested in participating on this team as a member of alternate, please contact **Bob Cantu**, SAFE Team Three leader (x353) or **Tom Geary,** Assistant Team Three leader (x278).

¡Muchísimas Gracias!

Thanks so much!

CELEBRACIÓN '97

Living Together in the Americas

The Celebración '97 and Halloween and Autumn Harvest Festival committee sincerely thank the following Museum staff that made this year's festival one of the most successful yet. 11,200 visitors attended the events held over the past weekend.

Publications
Public Relations
Visitor Services
Printshop
Special Events
Liz Events
Photography
Special Exhibits
Mail Room
Engineering
Maintenance
Public Services
Audio Visual
Graphic Design
Accounting
Security
Housekeeping

And an extra special thanks goes out to:

Museum scientific staff members Alaka Wali, Dave Willard, Bruce Patterson, Nancy Hensold, Laura Torres, Phil Parillo, Paul Brinkman, and Kate Lyons, in addition to all the volunteers who served as activity demonstrators and tour leaders, or assisted with films and school day events. An especially big thanks goes to Mary Ellen Munley for making it all possible, and Fay Levin for inviting The United Neighborhood Organization.

Rosaura Boone, Dan Brinkmeier, Joe Byrnes, Becky Lopez and Joyce Matuszewich.

Parking Reminder

- The west lot is not available for staff Monday thru Friday, between 8:30 a.m. and the beginning of the evening shift. Staff must park in the east lot or Soldier Field lot during these times.

- Staff may park in the west lot beginning with the evening shift thru 8:30 a.m., Monday thru Friday, and all day on Saturday, Sunday and Holidays.

- There is ***no free parking*** for staff in the west lot at any time, including weekends and holidays. Staff who do not have a monthly parking pass must purchase a $3.00 daily pass from the cashier before entering the west lot.

- **Questions?** If you have any questions concerning parking, call **Ron Cundiff,** Security Manager, at extension 856. We will also answer questions of general interest in *Natural News*.

The deadline for the *Natural News* is Tuesday at noon. Thanks for observing it.

VOLUNTEERS REQUESTED FOR MEMBERS' PREVIEW OF LIVING TOGETHER

November 4, 1997 from 5:00 - 9:00 p.m.

The Membership Department needs your help for the preview of Living Together. The event includes an exhibit walk-through, a performance in Stanley Field Hall, and a lecture by anthropologist Mary Catherine Bateson in Simpson Theatre.

We need people to distribute timed entry tickets to the exhibit at the south and north doors from 5:00 - 6:00 p.m. or 6:00 - 7:00 p.m.; and to serve as ticket-takers at the doors of Simpson Theatre from 6:30 - 7:15 p.m. Please call x453 if you can lend a hand.

FIELD MUSEUM FAN MAIL

... The Field has always held a magical place in my heart. My family lived in Chicago from 1952-55. We didn't see much of our Dad during the week ... but on Sunday he always took us on a family outing. My favorite trips were to The Field. I was mesmerized by the mummies and fascinated by the fossils. My husband and I were in Chicago in 1995. I wanted to share with him my favorite town (and my favorite Museum). Needless to say, he was awestruck by The Field... We'll be in Chicago in 2000 to say hello to "Sue." Keep up the good work. (Received by **Jessie Thymes**)

MUSEUM AFFAIRS continued from front page

The Happiness Club, a group of thirty-five children ages five to eighteen from diverse backgrounds, will sing and dance to their own lyrics of unity, respect and acceptance. The ceremony will recognize all the community collaborators who worked together over the last three years to bring this special exhibit to life.

Other activities will include: the Community Drumming Circle; the premier of *Guess Who's Coming to Rehearsal?,* an original play about cultural diversity written and performed by Chicago teens; diverse musical performances (funkadesi, world beat, and klezmer band); games from around the world; and -- no celebration would be complete without it -- food, specifically pies, from around the world.

-- Authors and contributors: **Jaci Carter, Carolyn Klyce, Maureen Herencia**

Live butterflies are coming!

To learn more, come to an impact meeting:

Exhibit: **Living Colors: A Butterfly Garden**
May 25 - September 7, 1998

Meeting: Tuesday, November 4, 10:00 AM
Lecture Hall II

We'll tell you all we know and answer questions that we can. This meeting is your opportunity to let us know how this exhibit may impact you, so we can figure out what to do about it. All staff are invited (pending supervisor approval). -- **Carrie Hageman,** Special Exhibits

IN THE WORKS

NEW TOUCH CART HALL INTERPRETATION PROGRAM TO BEGIN LATE NOVEMBER

Even before the *new* carts are finished, training has begun for this exciting program. Six carts are being specially designed to be used in conjunction with a hall interpreter for the fallowing topics; **Weaving** (Mesoamerica Hall), **Terrific Teeth** (World of Mammals), **Horns & Antlers** (Animal Biology), **Egyptian Hieroglyphs** (Egypt Marketplace), **Games Around the World** (China) and **Fossils in the Floor** (SFH). It will be a pleasant surprise to visitors when they come across these interactive environments. So, keep your eyes peeled. If you would like more information about training and use of the carts please contact **Kathleen Weibel,** Education (x649).

TEEN INTERNSHIP PILOT PROGRAM

Every Wednesday morning beginning in October and going through May, five students from Best Practice High School will be completing an internship at the Museum. The school has asked the Museum to participate in the program to give young people practical experience in the "real world." We welcome **Miriam Ceja, Martzeyah Frazier** and **Tiffanie King** to Education and **Jaqueline Zavala** and **Sammy Lopez** to Visitor Services. Please contact **Kathleen Weibel,** Education (x649) or **Ray Bondoc,** Visitor Services (x377) regarding any questions or comments concerning the interns.